

ABSTRACT

~~The present invention provides a~~ A DC adapter that can be housed in a battery housing portion of an electronic apparatus selectively with a primary and secondary battery. The DC adapter ~~[(3)]~~ is connected to an AC/DC converter ~~[(35)]~~ and is inserted into a battery housing portion ~~[(20)]~~ of an electronic apparatus ~~[(1)]~~ so as to supply the electronic apparatus with a DC power, wherein a substantially cylindrical adapter main body ~~[(31)]~~ has an insertion limiting portion ~~[(41)]~~ which is guided by an insertion guide portion ~~[(57)]~~ of the battery housing portion when the DC adapter is inserted into the battery housing portion with the proper polarity, and comes into contact with the contact portion ~~insertion-end-side wall (58)~~ of the battery housing portion when the DC adapter is inserted into the battery housing portion with the reversed polarity so as to limit the insertion of the DC adapter. ~~and the~~ The insertion limiting portion is ~~[[being]]~~ formed by projecting a part of the outer circumference of the cylindrical adapter main body in a rectangular manner along the longitudinal direction of the main body and ~~[[having]]~~ has two sides (41a)-(41b) each of which extends from a part of the outer circumference of the DC adapter. ~~wherein~~ The center angle of the circular arc obtained by connecting the proximal ends of the two sides on the outer circumference of the DC adapter is less than 90°.